



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4  
11/8/93

In Re Application of:

Applicant: Karel Newman, et al.

Serial No.: 08/070,099

Filed: 05/28/93

For: IMMUNOASSAYS FOR  
DETERMINING VITAMIN B12  
AND REAGENTS AND KITS  
THEREFOR

Hon. Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Art Unit

Atty. Docket 19867.1.0

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS  
FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMIS-  
SIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D. C.  
20231-0001

SIGNED

PHILIP M. GOLDMAN, REG. NO. 31,162

INFORMATION DISCLOSURE STATEMENT

SIR:

This letter is written in accordance with the provisions of 37 CFR 1.97 and 1.98 and the Manual of Patent Examining Procedure Section 609. Attached hereto are copies of the following references (with the exception of Villanova), the relevance of each of which will be found on that page or pages of the application where it is cited.

REFERENCE

WHERE CITED

U.S. Patent No. 4,188,189 (Allen)

Page 4

U.S. Patent No. 4,426,455 (Tovey, et al.)

Page 4

WO 91/00519 (Pourfarzaneh, et al.)

Page 3

Pfund, et al., "The Conformation-Sensitive

Immunoassay: A Membrane Based Elisa System for

Identifying Antibodies Sensitive to Alterations

of Protein Conformation: Molecular Immunology,

27:495-502 (1990).

Page 3

Smolka, et al., Gastroenterology, 98:607-614 (1990). Page 3

Villanova, "Guidelines For Evaluating a B12

(Cobalamin) Assay," National Committee For

Laboratory Standards, (1980).

Page 2

Also enclosed are copies of the following references, each of which was of record in the parent (Serial No. 07/682,060) to the present application.

U.S. Patent No. 3,505,019 (Axem, et al.)

U.S. Patent No. 4,333,918 (Carney, et al.)

U.S. Patent No. 4,351,822 (Allen)

U.S. Patent No. 4,355,018 (Hansen, et al.)

U.S. Patent No. 4,418,151 (Forand, et al.)

U.S. Patent No. 4,423,154 (Gutcho, et al.)

U.S. Patent No. 4,447,528 (Ellis, et al.)

U.S. Patent No. 4,451,571 (Allen)

U.S. Patent No. 4,465,775 (Houts)

Kolhouse, et al., "Cobalamin Analogues are Present in Human Plasma and Can Mask

Cobalamin Deficiency Because Current Radioisotope Dilution Assays Are Not

Specific For True Cobalamin," The New England Journal of Medicine, 299:785-792

(1978)

Garrido-Pinson, et al., "Studies of Human Intrinsic Factor Auto-Antibodies," Journal of Immunology, 97:897-912 (1966).

Taylor, "Inhibition of Intrinsic Factor by Pernicious Anaemia Sera," The Lancet, 2:106-108 (1960).

Schwartz, "Intrinsic Factor Antibody in Serum From Patients With Pernicious Anemia," The Lancet, 2:1263-1267 (1960).

Chen, et al., "Clinical Significance of Serum Vitamin B12 Measured by Radioassay Using Pure Intrinsic Factor," Clinical Sciences: Journal of Nuclear Medicine, 22:447-451 (1981).

Galfre, et al., "Immunochemical Techniques," Methods of Enzymology, 73:3-46 (1981).

Also enclosed is a completed Form PTO-1449 listing cited references. A copy of the Villanova reference is being ordered and will be forwarded under separate cover.

Consideration of each of the listed references by the Examiner is respectfully requested.

Applicant also respectfully requests that an initialed copy of Form PTO-1449 indicating such consideration be returned with the next Official Action, as set forth in MPEP 609.

Dated: Aug. 27, 1993

Respectfully submitted,



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